

Need for Reliable and Resilient WAN Connection

WAN connectivity is critical to the functioning of businesses, and any downtime means a loss of productivity and a lost opportunity. Staying connected and operational during a network outage can be critical to long-term success. Larger applications at branch offices require increased bandwidth at remote sites. Because of increased network speed, reliability, coverage, and advances in wireless modem and gateway technology, wireless data solutions can now be used as backup for mission-critical applications.

Major Causes of WAN Failures

- Service provider network equipment failure
- Power outage at the service provider
- Planned network overhaul or upgrades
- Accidental cable or fiber cut during construction and damage during moves or maintenance
- Operational errors such as installation or configuration errors



Cisco 3G Wireless WAN HWIC

The Cisco® 3G Wireless WAN HWICs provide enterprise class third-generation wireless WAN solutions. Suitable for both backup and primary applications, the 3G WWAN HWICs support the latest Code Division Multiple Access (CDMA) and Global System for Mobile Communications (GSM) standards (EVDO Rev A and HSDPA) and are backward-compatible with the widely deployed 2G and 2.5G networks (1xRTT, GPRS, and EDGE). The Cisco 3G WWAN HWICs are tightly integrated with the services provided on the award-winning Cisco integrated services routers, which deliver secure data, voice, video, and mobility services.



For remote sites and branch offices using the Cisco 3800 Cisco 1841, the Cisco 3G WWAN HWIC is a cost-effective, rapidly deployable, highly reliable WAN backup solution that serves as a high-quality alternative to traditional wireline services, for example, ISDN, DSL, and cable.

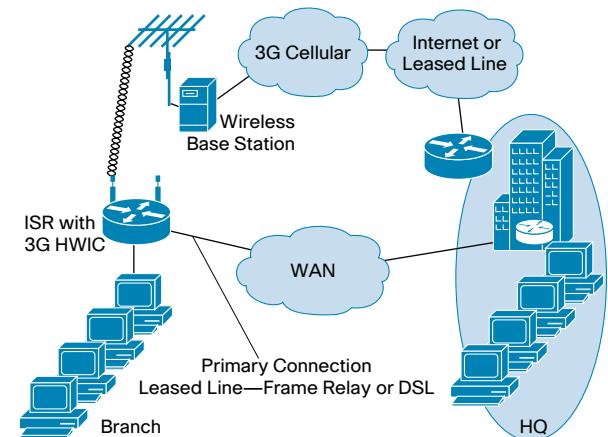
The Cisco 3G WWAN HWIC can also be used as a rapidly deployable primary link for small retail stores, mobile vendors, and sites requiring temporary access.

Who needs the Cisco 3G WWAN HWIC?

- Enterprise branch offices and remote sites for WAN backup
- State and local government agencies that need a high-quality, true multipath backup solution
- Construction sites, retail, and portable businesses requiring temporary connectivity

What does Cisco 3G WWAN HWIC Offer?

- Targeted applications include WAN backup, rapid, and portable deployments
- Offers broadband data rates
- Supports CDMA and GSM standards (EVDO Rev A and HSDPA)
- Allows external antenna solutions
- Has embedded 3G modem
- Supported on Cisco 1841, and Cisco 2800 and 3800 Series Integrated Services Routers



Why Cisco 3G WWAN HWIC?

Constant WAN access is a requirement for branch offices connecting to a corporate site or the Internet. The Cisco 3G WWAN HWIC combined with the Cisco Integrated Services Routers offers the ability to automatically initiate connection when the primary WAN link is unavailable. With integration into the award-winning Cisco integrated services routers, the Cisco 3G WWAN HWIC offers best-of-class technology integration, and a complete suite of data, voice, and wireless services. Other 3G wireless WAN backup solutions lack a fully integrated solution in a single platform.